



2. Verizon admits that electronic devices connect to the Internet wirelessly and allows people to communicate with each other. Verizon lacks knowledge or information sufficient to form a belief as to the truth of the remaining allegations of Paragraph 2, and therefore denies the same.

3. Verizon admits that Guglielmo Marconi was granted a British Patent (No. 12039), but denies that it occurred in 1896. Verizon admits that British Patent (No. 12039) was titled “Improvements in Transmitting Electrical impulses and Signals, and in Apparatus therefor.” Verizon admits that Guglielmo Marconi shared the Nobel Prize in Physics with Karl Ferdinand Braun in 1909. Verizon lacks knowledge or information sufficient to form a belief as to the truth of the remaining allegations of Paragraph 3, and therefore denies the same.

4. Verizon admits that Guglielmo Marconi shared the Nobel Prize in Physics with Karl Ferdinand Braun in 1909. Verizon admits that Karl Ferdinand Braun gave a Nobel Lecture dated December 11, 1909. Verizon lacks knowledge or information sufficient to form a belief as to the truth of the remaining allegations of Paragraph 4, and therefore denies the same.

5. Verizon admits that Karl Ferdinand Braun is credited with inventions related to radio waves. Verizon admits that Karl Ferdinand Braun’s December 11, 1909 Nobel Lecture described his experiments with antennas. Verizon lacks knowledge or information sufficient to form a belief as to the truth of the remaining allegations of Paragraph 5, and therefore denies the same.

6. Verizon lacks knowledge or information sufficient to form a belief as to the truth of the allegations of Paragraph 6, and therefore denies the same.

7. Verizon lacks knowledge or information sufficient to form a belief as to the truth of the allegations of Paragraph 7, and therefore denies the same.

8. Verizon lacks knowledge or information sufficient to form a belief as to the truth of the allegations of Paragraph 8, and therefore denies the same.

9. Verizon lacks knowledge or information sufficient to form a belief as to the truth of the allegations of Paragraph 9, and therefore denies the same.

### **THE PARTIES**

10. Verizon lacks knowledge or information sufficient to form a belief as to the truth of the allegations of Paragraph 10, and therefore denies the same.

11. Verizon lacks knowledge or information sufficient to form a belief as to the truth of the allegations of Paragraph 11, and therefore denies the same.

12. Verizon lacks knowledge or information sufficient to form a belief as to the truth of the allegations of Paragraph 12, and therefore denies the same.

13. Verizon lacks knowledge or information sufficient to form a belief as to the truth of the allegations of Paragraph 13, and therefore denies the same.

14. Verizon lacks knowledge or information sufficient to form a belief as to the truth of the allegations of Paragraph 14, and therefore denies the same.

15. Verizon lacks knowledge or information sufficient to form a belief as to the truth of the allegations of Paragraph 15, and therefore denies the same.

16. Verizon lacks knowledge or information sufficient to form a belief as to the truth of the allegations of Paragraph 16, and therefore denies the same.

17. Verizon admits that Verizon Communications Inc. is a Delaware corporation, with a principal place of business at 1095 Avenue of the Americas, New York, New York 10036, and has designated Corporation Trust Company, Corporation Trust Center, 1209 Orange St., Wilmington, DE 19801 as its agent for service of process.

18. Verizon admits that Cellco Partnership d/b/a Verizon Wireless is a general partnership organized and existing under the laws of the State of Delaware, with a principal place of business at One Verizon Way, Basking Ridge, New Jersey 07920, and has designated The Corporation Trust Company, Corporation Trust Center, 1209 Orange Street, Wilmington, Delaware 19801 as its agent for service of process.

19. Verizon admits that Cellco Partnership d/b/a Verizon Wireless is a direct or indirect subsidiary of Verizon Communications Inc. To the extent that the allegations in Paragraph 19 of the Complaint set forth legal conclusions, no response is required. Verizon admits that one or more wireless telecommunications networks in the State of Texas and this District have been used to provide wireless telecommunications services under the brand name “Verizon” to consumers, businesses, and government entities.

#### **JURISDICTION AND VENUE**

20. Verizon admits that the Complaint purports to state a claim for patent infringement arising under Title 35 of the United States Code. Verizon admits that this Court has subject matter jurisdiction over patent-law claims generally pursuant to 28 U.S.C. §§ 1331 and 1338(a).

21. To the extent that the allegations of Paragraph 21 of the Complaint set forth legal conclusions, no response is required. For purposes of this action only, Verizon does not challenge that Verizon is subject to personal jurisdiction within this District. Verizon admits that it has conducted and conduct certain business in the State of Texas and in the Eastern District of Texas. Verizon denies the remaining allegations set forth in Paragraph 21.

22. To the extent that the allegations of Paragraph 22 of the Complaint set forth legal conclusions, no response is required. Verizon admits that it sells products and/or services in the

Eastern District of Texas. Verizon denies that it purposefully and voluntarily placed products and/or services into the stream of commerce that practice the Asserted Patents.

23. To the extent that the allegations of Paragraph 23 of the Complaint set forth legal conclusions, no response is required. For purposes of this action only, Verizon does not challenge venue in this District.

24. Verizon admits that one or more wireless telecommunications networks in the United States have been advertised as providing coverage within the Eastern District of Texas under the brand name “Verizon.” Verizon denies all remaining allegations of Paragraph 24.

25. To the extent that the allegations of Paragraph 25 of the Complaint set forth legal conclusions, no response is required. Verizon denies that it admitted or did not contest that this federal judicial district of a proper venue for patent infringement against it in *Cobblestone Wireless, LLC v. Cellco Partnership d/b/a Verizon Wireless*, Case No. 2:22-cv-00478-JRG-RSP. In its Answer and Counterclaims, Verizon denied the allegation “Venue as to Verizon is proper in this District under 28 U.S.C. §§ 1391 and 1400(b).” *Id.*, Dkt. 20 at ¶ 12 (E.D. Tex. Feb. 24, 2023).

26. Verizon admits that mobile communication network services have been provided under the Verizon brand using base station equipment located in the Eastern District of Texas. Verizon admits that its website referenced in Paragraph 26 speaks for itself. Verizon denies all remaining allegations of Paragraph 26.

**COUNT I**  
**INFRINGEMENT OF U.S. PATENT NO. 8,737,511**

27. No response is required to Plaintiff’s reference and incorporation of Paragraphs above. To the extent a response is deemed required, Verizon repeats and incorporates by reference, as if fully set forth herein, their answers to Paragraphs 1-26, as set forth above.

28. Verizon admits that Exhibit 1 to the Complaint purports to be a true and correct copy of U.S. Patent No. 8,737,511 (the “’511 Patent”) entitled “Directed MIMO Communications.” Verizon lacks knowledge or information sufficient to form a belief as to the truth of the remaining allegations of Paragraph 28, and therefore denies the same.

29. Verizon denies the allegations in Paragraph 29 of the Complaint.

30. Verizon denies the allegations in Paragraph 30 of the Complaint.

31. Verizon denies the allegations in Paragraph 31 of the Complaint.

32. Verizon admits that Exhibit 2 attached to the Complaint purports to be a claim chart related to the ’511 Patent. Verizon denies the remaining allegations in Paragraph 32 of the Complaint.

33. Verizon denies the allegations in Paragraph 33 of the Complaint.

34. Verizon denies the allegations in Paragraph 34 of the Complaint.

35. Verizon denies the allegations in Paragraph 35 of the Complaint.

36. Verizon denies the allegations in Paragraph 36 of the Complaint.

**COUNT II**  
**INFRINGEMENT OF U.S. PATENT NO. 10,715,235**

37. No response is required to Plaintiff’s reference and incorporation of Paragraphs above. To the extent a response is deemed required, Verizon repeats and incorporates by reference, as if fully set forth herein, their answers to Paragraphs 1-36, as set forth above.

38. Verizon admits that Exhibit 3 to the Complaint purports to be a true and correct copy of U.S. Patent No. 10,715,235 (the “’235 Patent”) entitled “Directed Wireless Communications.” Verizon lacks knowledge or information sufficient to form a belief as to the truth of the remaining allegations of Paragraph 38, and therefore denies the same.

39. Verizon denies the allegations in Paragraph 39 of the Complaint.

40. Verizon denies the allegations in Paragraph 40 of the Complaint.

41. Verizon denies the allegations in Paragraph 41 of the Complaint.

42. Verizon admits that Exhibit 4 attached to the Complaint purports to be a claim chart related to the '235 Patent. Verizon denies the remaining allegations in Paragraph 42 of the Complaint.

43. Verizon denies the allegations in Paragraph 43 of the Complaint.

44. Verizon denies the allegations in Paragraph 44 of the Complaint.

45. Verizon denies the allegations in Paragraph 45 of the Complaint.

46. Verizon denies the allegations in Paragraph 46 of the Complaint.

**COUNT III  
INFRINGEMENT OF U.S. PATENT NO. 10,594,376**

47. No response is required to Plaintiff's reference and incorporation of the Paragraphs above. To the extent a response is deemed required, Verizon repeats and incorporates by reference, as if fully set forth herein, their answers to Paragraphs 1- 46, as set forth above.

48. Verizon admits that Exhibit 5 to the Complaint purports to be a true and correct copy of U.S. Patent No. 10,594,376 (the "'376 Patent") entitled "Directed Wireless Communications." Verizon lacks knowledge or information sufficient to form a belief as to the truth of the remaining allegations of Paragraph 48, and therefore denies the same.

49. Verizon denies the allegations in Paragraph 49 of the Complaint.

50. Verizon denies the allegations in Paragraph 50 of the Complaint.

51. Verizon denies the allegations in Paragraph 51 of the Complaint.

52. Verizon admits that Exhibit 6 attached to the Complaint purports to be a claim chart related to the '376 Patent. Verizon denies the remaining allegations in Paragraph 52 of the Complaint.

53. Verizon denies the allegations in Paragraph 53 of the Complaint.

54. Verizon denies the allegations in Paragraph 54 of the Complaint.

55. Verizon denies the allegations in Paragraph 55 of the Complaint.

56. Verizon denies the allegations in Paragraph 56 of the Complaint.

**COUNT IV  
INFRINGEMENT OF U.S. PATENT NO. 7,177,369**

57. No response is required to Plaintiff's reference and incorporation of Paragraphs above. To the extent a response is deemed required, Verizon repeats and incorporates by reference, as if fully set forth herein, their answers to Paragraphs 1-56, as set forth above.

58. Verizon admits that Exhibit 7 to the Complaint purports to be a true and correct copy of U.S. Patent No. 7,177,369 (the "'369 Patent") entitled "Multipath Communication Methods and Apparatuses." Verizon lacks knowledge or information sufficient to form a belief as to the truth of the remaining allegations of Paragraph 58, and therefore denies the same.

59. Verizon denies the allegations in Paragraph 59 of the Complaint.

60. Verizon denies the allegations in Paragraph 60 of the Complaint.

61. Verizon denies the allegations in Paragraph 61 of the Complaint.

62. Verizon admits that Exhibit 8 attached to the Complaint purports to be a claim chart related to the '369 Patent. Verizon denies the remaining allegations in Paragraph 62 of the Complaint.

63. Verizon denies the allegations in Paragraph 63 of the Complaint.

64. Verizon denies the allegations in Paragraph 64 of the Complaint.

65. Verizon denies the allegations in Paragraph 65 of the Complaint.

66. Verizon denies the allegations in Paragraph 66 of the Complaint.

**COUNT V**  
**INFRINGEMENT OF U.S. PATENT NO. 9,289,939<sup>1</sup>**

67. No response is required to Plaintiff's reference and incorporation of Paragraphs above. To the extent a response is deemed required, Verizon repeats and incorporates by reference, as if fully set forth herein, their answers to Paragraphs 1-66, as set forth above.

68. Verizon denies that Exhibit 9 to the Complaint attaches a true and correct copy of U.S. Patent No. 9,289,939. Verizon admits that Exhibit 9 to the Complaint purports to be a true and correct copy of U.S. Patent No. 8,289,939 (the "'939 Patent") entitled "Signal Communication Coordination." Verizon lacks knowledge or information sufficient to form a belief as to the truth of the remaining allegations of Paragraph 68, and therefore denies the same.

69. Verizon denies the allegations in Paragraph 69 of the Complaint.

70. Verizon denies the allegations in Paragraph 70 of the Complaint.

71. Verizon denies the allegations in Paragraph 71 of the Complaint.

72. Verizon admits that Exhibit 2 attached to the Complaint purports to be a claim chart related to the '939 Patent. Verizon denies the remaining allegations in Paragraph 72 of the Complaint.

73. Verizon denies the allegations in Paragraph 73 of the Complaint.

74. Verizon denies the allegations in Paragraph 74 of the Complaint.

75. Verizon denies the allegations in Paragraph 75 of the Complaint.

76. Verizon denies the allegations in Paragraph 76 of the Complaint.

**PRAYER FOR RELIEF**

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<sup>1</sup> Verizon copies Plaintiff's Headings for ease of reference, but notes that the Asserted Patent is U.S. Patent No. 8,289,939, not 9,289,99.

These Paragraphs set forth the statement of relief requested by Plaintiff to which no response is required. Verizon denies that Plaintiff is entitled to any relief and specifically denies all the allegations and prayers for relief contained in Paragraphs (a) through (f) of Plaintiff's Prayer for Relief.

## **DEFENSES**

Subject to the responses above, Verizon alleges and asserts the following defenses in response to the allegations, without admitting or acknowledging that Verizon bears the burden of proof as to any of them or that any must be pleaded as defenses. Verizon specifically reserves all rights to allege additional defenses that become known through the course of discovery.

### **FIRST DEFENSE (NO INFRINGEMENT)**

77. Verizon has not infringed and does not infringe any valid and enforceable claim of the Asserted Patents, in any manner under any section of 35 U.S.C. § 271, including 35 U.S.C. §271(a), (b), and/or (c), willfully or otherwise. Verizon has not performed any act and are not proposing to perform any act in violation of any rights validly belong to Plaintiff.

78. Verizon does not indirectly infringe any asserted claim and, in particular, do not induce any third party to perform all of the required steps of any asserted method claims while using any of the accused products.

79. Verizon has not infringed and does not infringe either literally or by the doctrine of equivalents.

80. Verizon does not supply any component that contributes to infringement of any valid claim.

### **SECOND DEFENSE (INVALIDITY)**

81. The asserted claims of the Asserted Patents are invalid for failure to satisfy the requirements of 35 U.S.C. § 100, *et seq.*, including, but not limited to, one or more of the following: 35 U.S.C. §§ 101, 102, 103, and/or 112. For example, each claim is invalid in view of the references cited by the Examiner and arguments made by the Applicants during prosecution of the applications that issued as the Asserted Patents.

**THIRD DEFENSE  
(NOTICE, DAMAGES, AND COSTS)**

82. Plaintiff's claims for damages are statutorily limited under 35 U.S.C. §§ 252, 286, 287, or 307. To the extent Plaintiff or its licensees have failed to comply with the marking and notice requirements of 35 U.S.C. § 287(a), Plaintiff's requested relief is barred, in whole or in part, for any damages arising from Verizon's alleged infringement prior to at least the date of the filing of the original Complaint or otherwise limited by 35 U.S.C. § 286.

83. Plaintiff is barred from recovering costs in connection with this action under 35 U.S.C. § 288.

84. Plaintiff's claims for relief are limited by the doctrines of full compensation, exhaustion, and/or first sale, and Plaintiff is not entitled to a double recovery.

**FOURTH DEFENSE  
(PROSECUTION HISTORY ESTOPPEL)**

85. Plaintiff's claims are barred by the doctrine of prosecution history estoppel based on statements, representations, and admissions made during the prosecution of the patent applications resulting in the Asserted Patents before the United States Patent and Trademark Office and/or during the prosecution of related patent applications.

**FIFTH DEFENSE  
(FAILURE TO STATE A CLAIM)**

86. The Complaint fails to state a claim upon which relief can be granted.

**SIXTH DEFENSE  
(LICENSE, IMPLIED LICENSE, AND/OR EXHAUSTION)**

87. Plaintiff's claims for patent infringement are precluded in whole or in part (i) to the extent that any allegedly infringing products or components thereof are supplied, directly or indirectly, to Verizon by any entity or entities having express or implied licenses or covenant not to sue or assert to the Asserted Patents and/or (ii) under the doctrine of patent exhaustion. Additionally, Plaintiff's claims for patent infringement are precluded in whole or in part to any direct licenses or agreements/covenants not to sue that pertain to Verizon.

**SEVENTH DEFENSE  
(INEQUITABLE CONDUCT)**

88. Plaintiff's enforcement of at least the '235 Patent, the '376 Patent, and the '939 Patent is barred by inequitable conduct, as follows:

89. The '235, '376, and '939 Patents all ultimately arose from applications originally filed in 2003 as Application Serial Numbers 10/700,329 for the '235 and '376 Patents and 10/700,342, for the '939 Patent.

90. By fall of 2007, the '329 and '342 applications were owned by Vivato Networks, Inc.

91. In November 2007, Aequitas Capital Management, Inc. ("Aequitas Capital") agreed to loan up to \$1,000,000 to Vivato Networks, with an initial advance of \$300,000, secured in part by the patent applications.

92. In December 2007, Vivato Networks merged with Catcher Holdings, Inc. ("Catcher"), and transferred the patent applications to Vivato Networks Holdings, Inc. ("Vivato Holdings"). Vivato Holdings granted Catcher the exclusive right to prosecute the applications. On April 1, 2008, Catcher ceased operations and terminated all employees due to a lack of working capital.

93. In late April or early May 2008, Brooks withdrew as the attorney of record for the '329 and '342 applications.

94. In June 2008, Aequitas Equipment Finance, LLC ("Aequitas"), assignee of Aequitas Capital's security interest in the applications, sought to foreclose on the '329 and '342 applications, each of which became abandoned between June and July 2008 for failure to respond to office actions from the United States Patent and Trademark Office ("USPTO").

95. In April 2009, Aequitas obtained a foreclosure judgment against Vivato Networks and Vivato Holdings, and took title of the abandoned applications through a sheriff's sale.

96. In fall 2009, Carl J. Schwedler, attorney for Aequitas, filed petitions to revive the '329 and '342 applications. As part of each of those petitions, Schwedler represented that the entire period of delay from the due date for filing a reply to the pending USPTO office actions to the date of the petitions, was unintentional under 37 C.F.R. § 1.137(b)(4).

97. Upon information and belief, Schwedler's representation that the delay in prosecuting the applications was unintentional was false.

98. The USPTO granted the petitions filed by Aequitas to revive the '342 application, but denied the petition to revive the '329 application. In December 2009, Aequitas sold its patent portfolio (including the revived '342 application and the still-abandoned '329 application) to Plaintiff XR.

99. In 2010, XR took responsibility for prosecuting the patent applications.

100. On November 8, 2010, Daniel P. Burke, an attorney for XR, filed a renewed petition to revive the '329 application. In doing so, Burke represented to the USPTO that the entire period of delay from the due date for filing a reply to the pending USPTO office action to the date of the petition was unintentional.

101. Upon information and belief, Burke's representation that delay in prosecuting the applications was unintentional was false, and XR itself would not have had knowledge of the circumstances surrounding the abandonment of the applications.

102. Upon information and belief, the delay that resulted in abandonment of the '329 and '342 applications was not unintentional.

103. Catcher's SEC filings reflect that, at least as of September 2007, it likely had sufficient funds to pay for prosecution of the applications. Moreover, Catcher's wholly-owned subsidiary Vivato Networks had received an agreement for a \$1,000,000 loan in November 2007 (with \$300,000 advances), which could have been used to pay for prosecution of the '329 and '342 applications.

104. Therefore, upon information and belief, Aequitas and XR falsely certified that the entire period of delay in replying to the PTO was unintentional.

105. Upon information and belief, the false representations that the entire period of delay in responding to the USPTO with respect to the '329, and '342 applications was unintentional were made with intent to deceive the USPTO into granting the petitions to revive. Specifically, upon information and belief, the following petitions to revive (and requests for reconsideration) contained knowingly false statements made with intent to deceive, and were material to the USPTO's decision to revive the applications and ultimately issue the Patents-in-Suit:

- a. The petition to revive the '329 application, filed on August 28, 2009 by Schwedler;
- b. The petition to revive the '342 application, filed on November 3, 2009 by Schwedler;
- c. The request for reconsideration of the dismissal of the petition to revive the '329 application, filed on November 18, 2009 by Schwedler; and
- d. The renewed petition to revive the '329 application, filed on November 8, 2010 by Burke.

106. Upon information and belief, the false representations that the entire period of delay in responding to the USPTO with respect to the '329 and '342 applications was unintentional were material to the USPTO, because without that false representation the USPTO would not have ultimately granted the petitions to revive and the '235, '376, and '939 Patents never would have issued.

107. Accordingly, upon information and belief, Aequitas, XR and their counsel engaged in inequitable conduct in reviving the '329 and '342 applications.

#### **EIGHTH DEFENSE (STATUTORY LIMITATIONS)**

108. To the extent certain equipment accused of infringing the Asserted Patents are used by and/or manufactured for the United States Government and/or public good, Plaintiff's claims involving Verizon may not be pursued in this Court and are subject to other limitations pursuant to 28 U.S.C. § 1498.

#### **RESERVATION OF DEFENSES**

Verizon hereby reserves the right to supplement defenses as discovery proceeds in this case.

#### **PRAYER FOR RELIEF**

WHEREFORE, Verizon prays for judgment as follows:

- a. A judgment dismissing Plaintiff's Complaint with prejudice;
- b. A judgment in favor of Verizon on all of their Defenses;
- c. A judgment that Verizon has not infringed, contributed to the infringement of, or induced others to infringe, either directly or indirectly, any valid claims of the Asserted Patents;
- d. A judgment that the Asserted Patents are invalid;

- e. A judgment that the Asserted Patents are unenforceable;
- f. An award to Verizon of their fees and expenses of litigation;
- g. A judgment limiting or barring Plaintiff's ability to enforce the Asserted Patents in equity;
- h. Such other and further relief as this Court may deem just and proper.

**DEMAND FOR JURY TRIAL**

In accordance with Rule 38 of the Federal Rules of Civil Procedure and Local Rule CV-38, Defendants respectfully demand a jury trial of all issues triable to a jury in this action.

Respectfully submitted,

Dated: July 17, 2023

/s/ Deron Dacus

Deron R Dacus

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*Attorney for Defendants Verizon*

*Communications Inc. and Cellco Partnership*

*d/b/a Verizon Wireless*

**CERTIFICATE OF SERVICE**

The undersigned certifies that all counsel of record who are deemed to have consented to electronic service are being served with a copy of this document via the Court's CM/ECF system per Local Rule CV-5(a)(3) on July 17, 2023.

/s/ *Deron Dacus*

Deron Dacus